

Converting Colors

`RYB(115, 153, 173)`

Have a look what the booklet for
RYB(115, 153, 173) contains.

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Color

`RYB(115, 153, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	73AD92
RGB	115, 173, 146
RGB Percent	45%, 68%, 57%
CMY	0.5490, 0.3216, 0.4293
CMYK	0.34, 0.00, 0.16, 0.32
HSL	152°, 26%, 56%
HSV	152°, 34%, 68%
XYZ	27.1653, 35.5926, 32.4396
YIQ	152.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

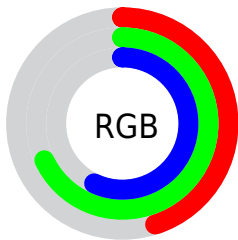
Format	Color
R _Y B	115, 153, 173
Decimal	7581074
CIE Lab	66.21, -24.99, 8.16
CIE LCh	66, 26.287, 161.918
Yxy	35.5926, 0.2854, 0.3739
Android (android.graphics.Color)	4285771154 (0xFF73AD92)
YUV	152.5800, -3.2439, -32.9577
Hunter-Lab	59.6595, -23.1261, 9.5230

Details

The RYB color **115, 153, 173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **173, 115, 142**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **169, 209, 229**, and **64, 100, 120** is the 20% darker color. If you saturate the color by 10%, you get **98, 147, 173**, and if you desaturate by 10%, it is **132, 159, 173**.

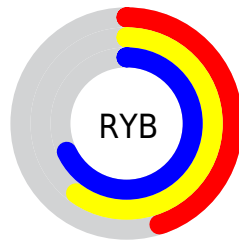
Distribution



Red (45%)

Green (68%)

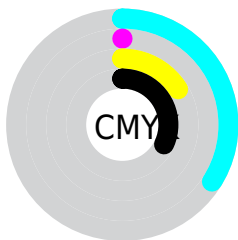
Blue (57%)



Red (45%)

Yellow (60%)

Blue (68%)

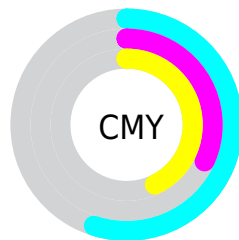


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 153, 173 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 115, 153, 173 by changing the saturation by 10% instead.

 115, 153, 173

255, 255, 255

 169, 209, 229

 196, 235, 255


 225, 240, 255


254, 255, 255

 115, 153, 173

 98, 147, 173

 115, 153, 173

 89, 126, 146


 64, 100, 120

 39, 75, 95

 10, 47, 71


 0, 30, 48

 0, 27, 29


 0, 0, 0

 115, 153, 173


 132, 159, 173

 80, 141, 173


 150, 165, 173


 63, 135, 173


 167, 171, 173

 46, 129, 173

 184, 173, 178

 29, 123, 173

 202, 173, 187

 11, 117, 173

 219, 173, 195

 0, 113, 173

 236, 173, 203

 253, 173, 211

 255, 173, 219

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



125, 169, 152



115, 153, 173



94, 135, 174

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



115, 153, 173



145, 157, 207



205, 152, 130

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



115, 153, 173



173, 115, 142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208, 144, 152



115, 153, 173



176, 152, 196

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



115, 153, 173



112, 147, 205



199, 145, 176



187, 191, 117

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



115, 153, 173



89, 134, 185



199, 145, 176



208, 147, 137

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



115, 153, 173



202, 216, 224



115, 173, 145



99, 107, 112



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115, 153, 173



135, 193, 224



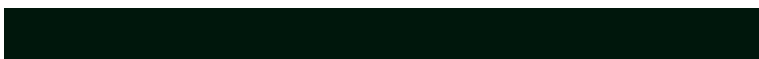
115, 144, 173



78, 84, 87



0, 98, 150



0, 15, 23

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



173, 115, 142



224, 135, 177



173, 116, 115



87, 78, 82



150, 0, 71



23, 0, 11

Previews

White Background



This preview shows how the RYB color 115, 153, 173 looks on a white background.

Color Contrast Check

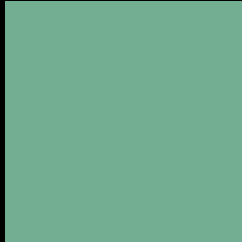
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 115, 153, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

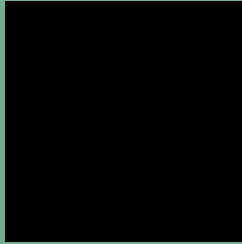
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 115, 153, 173 Background



This preview shows how black text looks on a background with the RYB color 115, 153, 173.

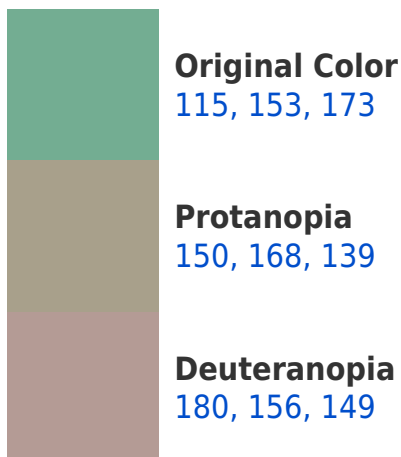


This preview shows how white text looks on a background with the RYB color 115, 153, 173.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
123, 148, 181

Trichromacy



Original Color
115, 153, 173

Protanomaly
141, 165, 157

Deuteranomaly
148, 162, 154

Tritanomaly
120, 146, 170

Monochromacy



Original Color
115, 153, 173

Achromatopsia
153, 153, 153

Achromatomaly
139, 153, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 153, 173 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 146) }
```

Border

The CSS property to change the border of an element to RYB 115, 153, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

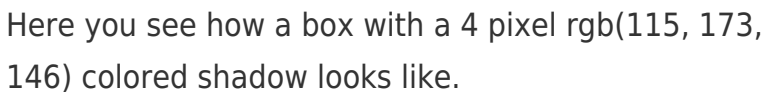
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 173, 146) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 173, 146) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(115, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 173, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 173, 146); box-shadow:4px 4px 4px 4px rgb(115, 173, 146) }
```

Background

The CSS property to change the background color of an element to RYB 115, 153, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115,  
173, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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